1. Record Nr. UNINA9910768164803321

Autore	Ramírez Fernando
Titolo	Tree Pollination Under Global Climate Change / / by Fernando Ramírez, Jose Kallarackal
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-73969-7
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (51 pages) : illustrations (some color)
Collana	SpringerBriefs in Agriculture, , 2211-808X
Disciplina	571.8642
Soggetti	Trees Entomology Plant physiology Climate change Tree Biology Plant Physiology Climate Change
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	1. Preface -- 2. Introduction -- 3. Pollen physiology and climate change -- 4. Warm temperatures and tree pollination -- 5. Precipitation and pollination -- 6. Droughts and flooding -- 7. Fruit tree phenology and pollination -- 8. Insect pollinators in changed climate -- 9. Vertebrate pollination -- 10. Other pollination modes -- 11. Conservation implications -- 12. Conclusion.
Sommario/riassunto	This brief reviews the pollination aspects of both wild and domesticated fruit tree species in a global climate change context. It explores cross-pollination mediated by insects, vertebrates and abiotic factors, self-pollination and their global warming implications. The authors identify the link between abiotic factors such as precipitation and severe droughts in the context of tree pollination and climate change. Furthermore, pollination and conservation implications in agriculture as well as wild tree populations are explored. Emphasis has been given to fruit trees growing in tropical, subtropical and temperate environments.